

Serial No. 09/977,252
Amdt. dated April 12, 2005
Reply to Office Action of January 12, 2005

Docket No. K-0329

Amendments to the Abstract:

The following amendments are made to the Abstract:

A method and apparatus [[of]] for decoding turbo codes using a sliding window method is disclosed. In decoding a received sequence using a Maximum A Posteriori (MAP) algorithm, a learning by a backward processing is performed for a predetermined length and ~~second~~ first resultant values of an L-symbol length sequence and second resultant values of a W-symbol length sequence calculated by [[the]] a backward processing are stored. Third resultant values are calculated by a forward processing. The calculation of the third resultant values overlaps in time with the next learning. A decoding symbol output is determined using the third resultant values and the ~~stored~~ first second resultant values of the previous window.